## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref#        | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|-------------|------|---|---|---------------------|---------|---------------------|
| L8          | 1    | ("6243062").PN.   | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2010/07/14<br>01:20 |
| S94         | 1    | 10/578028   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2010/07/13<br>22:38 |
| S95         | 2    | 349/49-51.ccls. and (@ad<"20041028" @rlad<"20041028") and ((shin near4 kyoung) (chai near4 chong) (oh near4 joon) (kim near4 jin) (hong near4 jin near4 sung)).in.                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2010/07/13<br>22:43 |
| <b>S</b> 96 | 197  | "349"/\$.ccls. and (@ad<"20041028" @rlad<"20041028") and ((shin near4 kyoung) (chai near4 chong) (oh near4 joon) (kim near4 jin) (hong near4 jin near4 sung)).in.                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2010/07/13<br>22:45 |
| S97         | 17   | S96 and (mim diode)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2010/07/13<br>22:46 |
| S98         | 12   | ("20040189885"   "5854616"<br>  "5969782"   "6160600"  <br>"6225968"   "6297867"  <br>"6424399"   "6456350"  <br>"6784966"   "6967637").PN.<br>OR ("7460192").URPN.                           | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2010/07/13<br>22:47 |
| S99         | 11   | ("20050105010"  <br>"20050117083"  <br>"20070040956"   "5042917"  <br>"5926236"   "6008872"  <br>"6225968"   "6243062"  <br>"6548831"   "7432528"  <br>"7460192").PN. OR<br>("7545452").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2010/07/13<br>22:48 |

| S100 | 5   | 349/49-51.ccls. and<br>(@ad<"20041028"<br>@rlad<"20041028") and<br>samsung.as.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/07/13<br>22:55 |
|------|-----|--|---|----|-----|---------------------|
| S101 | 111 | "349"/\$.ccls. and<br>(@ad<"20041028"<br>@rlad<"20041028") and<br>samsung.as. and (mim diode)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/07/13<br>22:56 |
| S102 | 18  | "349"/\$.ccls. and<br>(@ad<"20041028"<br>@rlad<"20041028") and<br>samsung.as. and (mim with<br>diode)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/07/13<br>22:56 |
| S103 | 22  | "349"/\$.ccls. and<br>(@ad<"20041028"<br>@rlad<"20041028") and<br>samsung.as. and (mim)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/07/13<br>22:56 |
| S104 | 107 | "349"/\$.ccls. and<br>(@ad<"20041028"<br>@rlad<"20041028") and<br>samsung.as. and (diode)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/07/13<br>22:57 |
| S105 | 320 | "349"/51.ccls. and<br>(@ad<"20041028"<br>@rlad<"20041028")   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/07/13<br>22:57 |
| S106 | 1   | ("5539549").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2010/07/13<br>23:02 |
| S107 | 0   | "0447077"  | EPO   | OR | ON  | 2010/07/13<br>23:04 |
| S108 | 1   | "447077"   | EPO   | OR | OFF | 2010/07/13<br>23:04 |
| S109 | 1   | "951008"   | EPO   | OR | ON  | 2010/07/13<br>23:09 |
| S110 | 7   | (("20020145684") or<br>("5893621") or ("6243062")<br>or ("6593991") or<br>("7460192") or ("5893621")<br>or ("6593991") or<br>("20020145684") or<br>("6243062") or ("5909264")<br>or ("5893621") or<br>("5107355")).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2010/07/13<br>23:23 |

| S111 | "349"/50.ccls. and | US-PGPUB;    | OR | ON | 2010/07/13 |
|------|--------------------|--------------|----|----|------------|
|      | (@ad< "20041028"   | USPAT;       |    |    | 23:26      |
|      | @rlad< "20041028") | USOCR; FPRS; |    |    |            |
|      |                    | EPO; JPO;    |    |    |            |
|      |                    | DERWENT;     |    |    |            |
|      |                    | IBM_TDB      |    |    |            |

## **EAST Search History (Interference)**

| Ref# | Hits | Search Query   | DBs                         | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|-----------------------------|---------------------|---------|---------------------|
| L1   | 169  | "349"/50,51.cds. and<br>(@ad<"20041028"<br>@rlad<"20041028")   | USPAT;<br>UPAD              | OR                  | ON      | 2010/07/14<br>01:11 |
| L2   | 0    | 349/50,51.ccls. and (@ad<"20041028" @rlad<"20041028") and ((diode mim) AND (electrode) AND (overlap\$5) AND (insulat \$5) AND (gate adj2 line)).CLM.   | US-PGPUB;<br>USPAT;<br>UPAD | OR                  | ON      | 2010/07/14<br>01:13 |
| L3   | 1    | "349"/\$.ccls. and (@ad<"20041028" @rlad<"20041028") and ((diode mim) AND (electrode) AND (overlap\$5) AND (insulat \$5) AND (gate adj2 line)).CLM.    | US-PGPUB;<br>USPAT;<br>UPAD | OR                  | ON      | 2010/07/14<br>01:13 |
| L4   | 0    | 349/50,51.ccls. and (@ad<"20041028" @rlad<"20041028") and ((diode mim) AND (electrode) AND (insulat\$5) AND (gate adj2 line)).CLM.                     | US-PGPUB;<br>USPAT;<br>UPAD | OR                  | ON      | 2010/07/14<br>01:14 |
| L5   | 7    | 349/50,51.ccls. and<br>(@ad<"20041028"<br>@rlad<"20041028") and<br>((diode mim) AND (electrode)<br>AND (overlap\$5) AND (insulat<br>\$5)).CLM.         | US-PGPUB;<br>USPAT;<br>UPAD | OR                  | ON      | 2010/07/14<br>01:15 |
| L6   | 51   | 349/50,51.ccls. and<br>(@ad<"20041028"<br>@rlad<"20041028") and<br>((diode mim) AND (electrode)<br>AND (insulat\$5)).CLM.                              | US-PGPUB;<br>USPAT;<br>UPAD | OR                  | ON      | 2010/07/14<br>01:17 |
| L7   | 44   | 6 not 5  | US-PGPUB;<br>USPAT;<br>UPAD | OR                  | ON      | 2010/07/14<br>01:17 |
| S112 | 0    | "349"/50,51.ccls. and (@ad<"20041028" @rlad<"20041028") and ((diode mim) AND (electrode) AND (overlap\$5) AND (insulat \$5) AND (gate adj2 line)).CLM. | USPAT;<br>UPAD              | OR                  | ON      | 2010/07/14<br>01:09 |

7/ 14/ 10 1:36:30 AM C:\ Documents and Settings\ tnguyen83\ My Documents\ EAST\ Workspaces\ 10578028\_08008. wsp